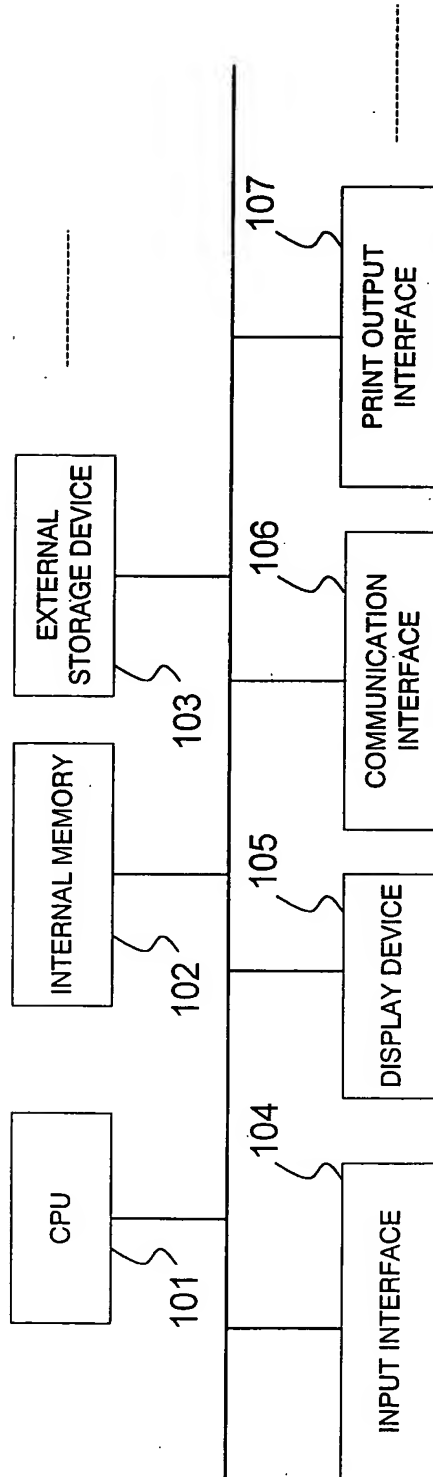


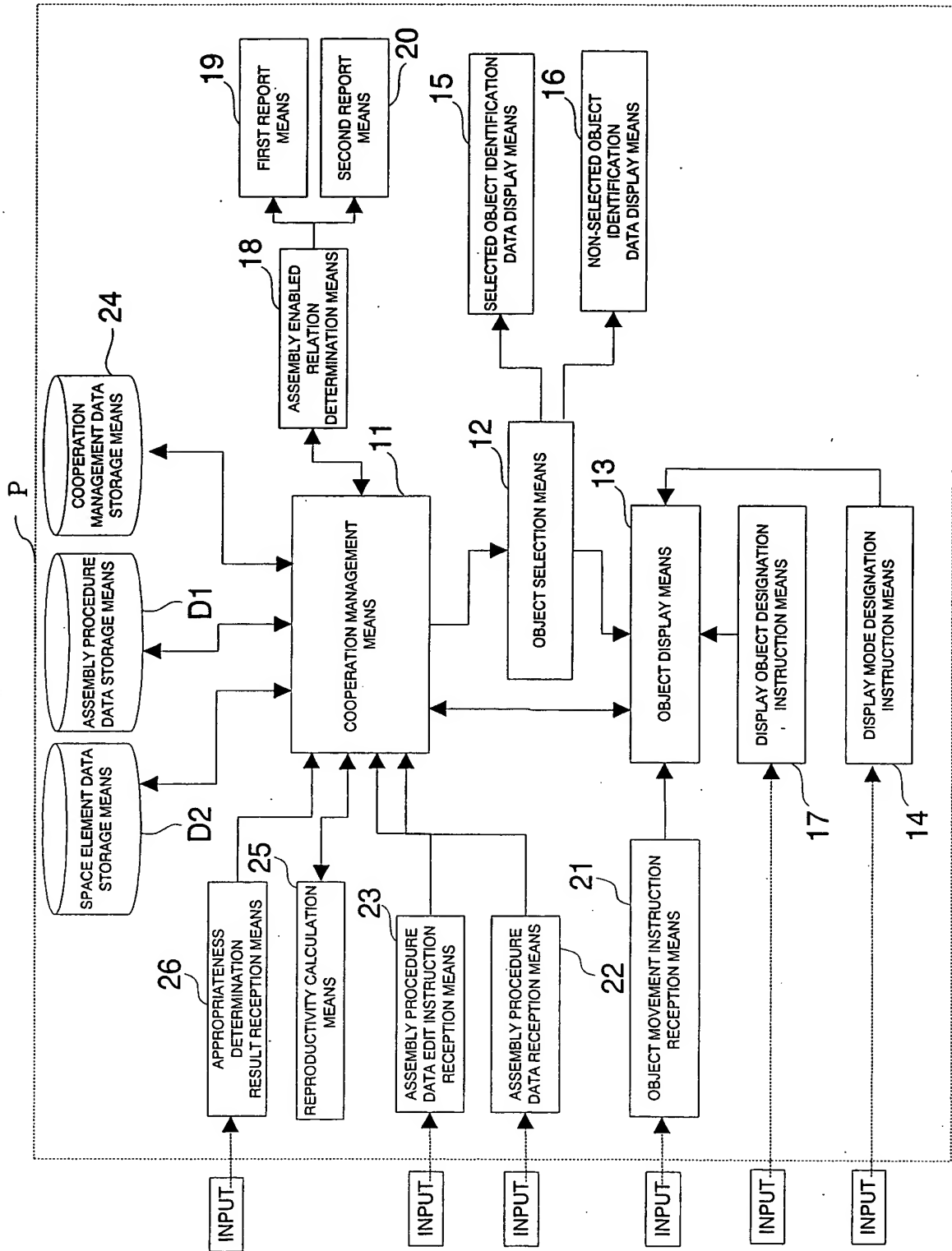
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Fig.1



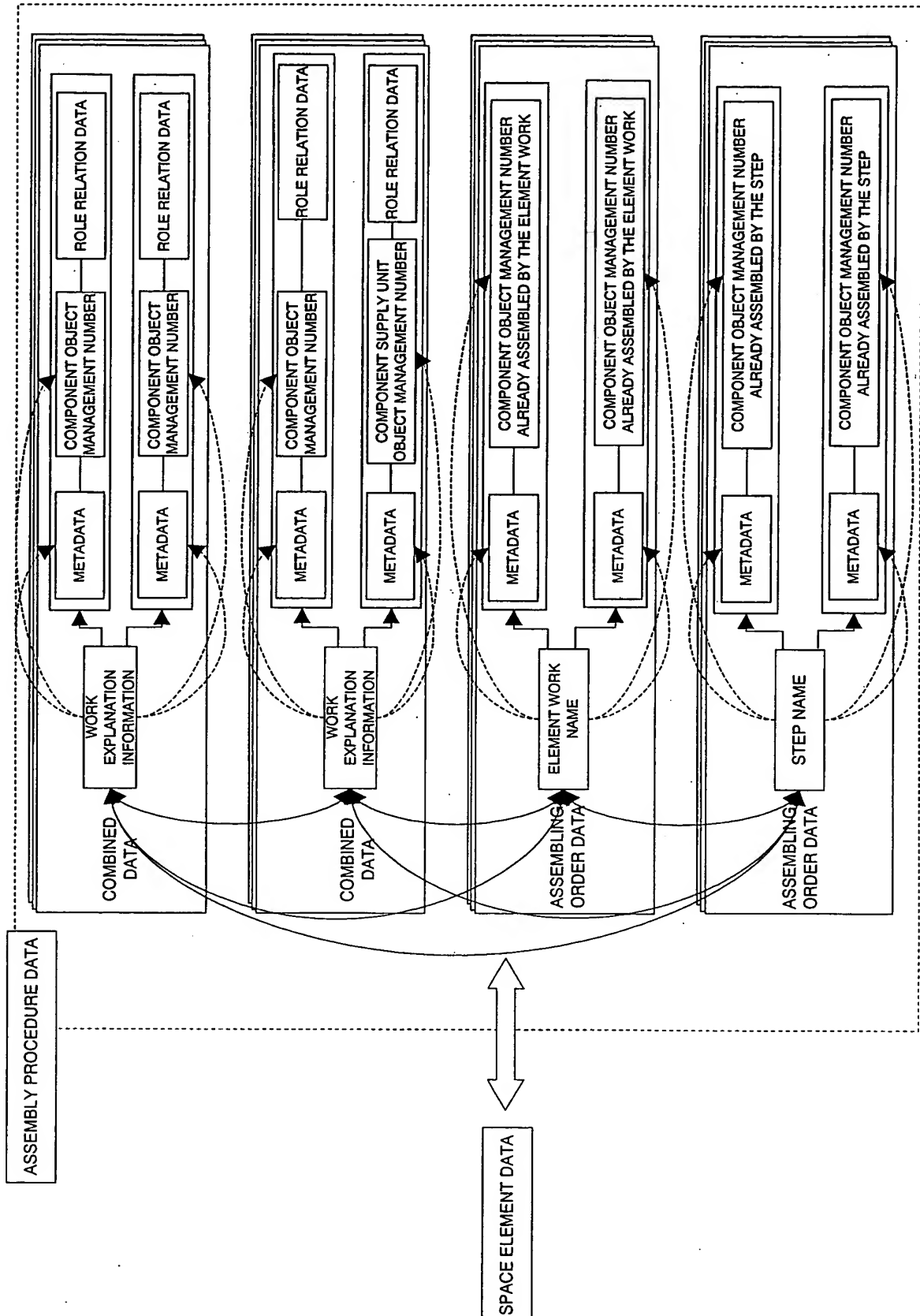
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Fig.2



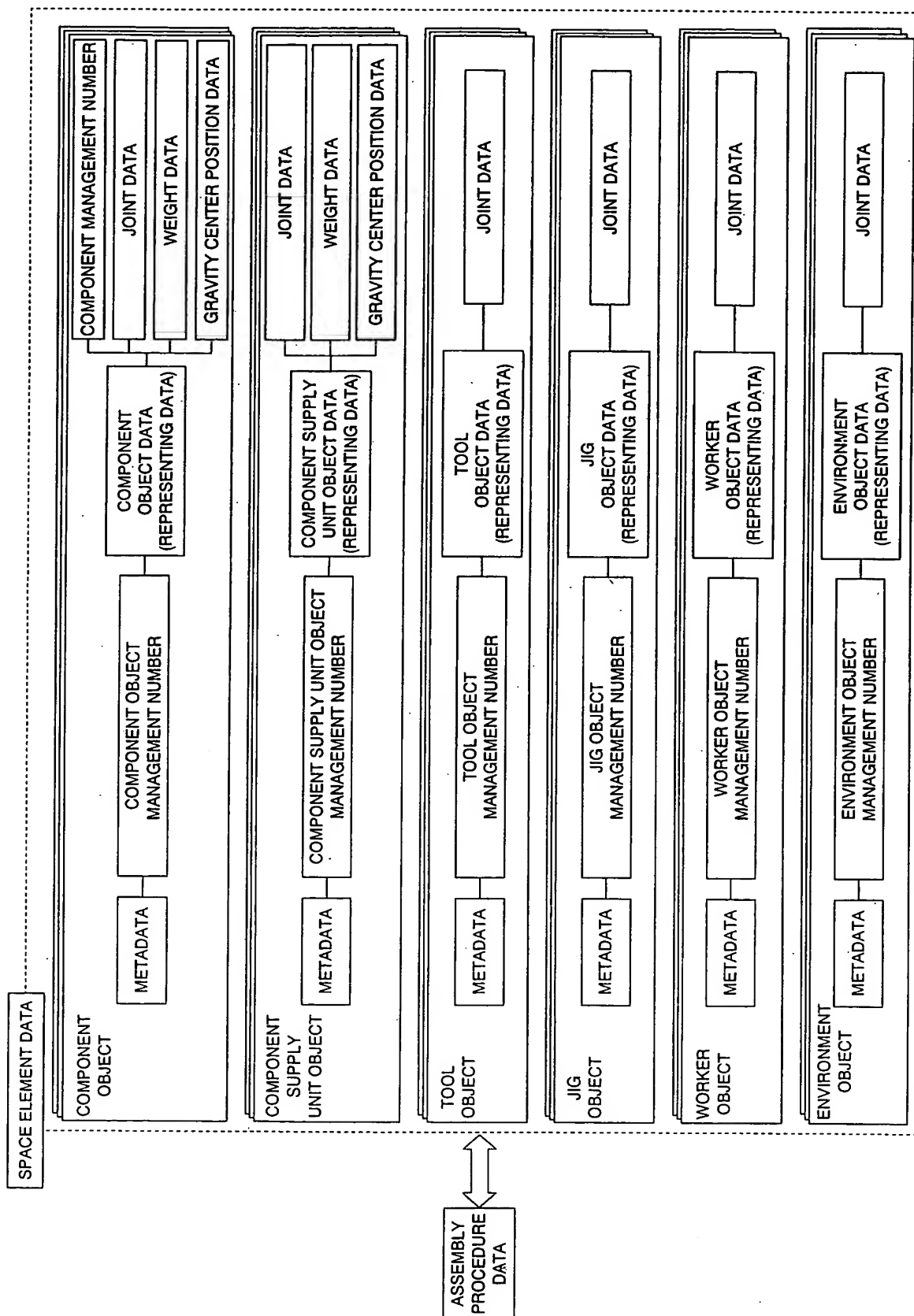
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Fig.3



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Fig.4



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Fig.5

DATA RELATED TO THE COMPONENT			DATA RELATED TO THE OTHER COMPONENT	ASSEMBLY PROCEDURE DATA	
COMPONENT IDENTIFICATION DATA		COMPONENT IDENTIFICATION DATA	METADATA OF THE OTHER ASSEMBLY ENABLED COMPONENT	ROLE RELATION DATA	ELEMENT WORK NAME OF ELEMENT WORK WHEREBY ONE COMPONENT AND THE OTHER COMPONENT ARE ALREADY ASSEMBLED
COMPONENT OBJECT MANAGEMENT NUMBER	METADATA	COMPONENT NUMBER OF COMPONENT IN REAL SPACE		RELATION OF ONE COMPONENT TO THE OTHER COMPONENT DURING ASSEMBLY	
A 0 0 1	Bnet	a 0 0 1	AIRCLN	COVERING SIDE	P 1
			HAIH	COVERING SIDE	P 2
			CAIH	COVERING SIDE	P 3
A 0 0 2	FRONT BRKLMP	a 0 0 2	BOX FOR FRONT BRKLMP	SIDE OF BEING COVERED	P 4
			BLT5 FOR FRONT BRKLMP	SIDE OF BEING COVERED	P 4
			W FOR FRONT BRKLMP	SIDE OF BEING COVERED	P 4

NOTE

METADATA	FORMAL NAME OF COMPONENT
BNET	BONNET
AIRCLN	AIR CLEANER
HAIH	HOT AIR INTAKE HOSE
CAIH	COOL AIR INTAKE HOSE
FRONT BRKLMP	FRONT BRAKE LAMP
BOX FOR FRONT BRKLMP	HOUSING BOX FOR FRONT BRAKE LAMP
BLT5 FOR FRONT BRKLMP	M5 BOLT FOR FRONT BRAKE LAMP
W FOR FRONT BRKLMP	WASHER FOR FRONT BRAKE LAMP

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Fig.6

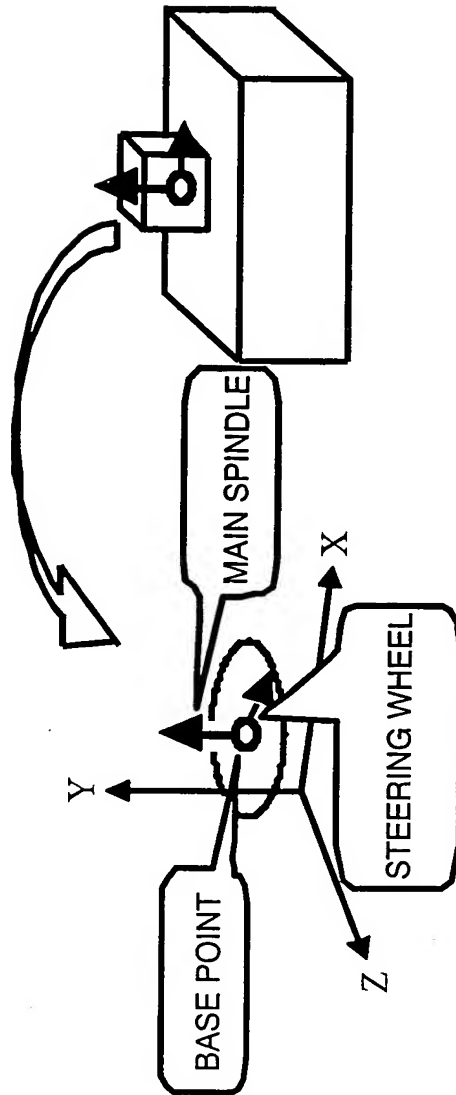


Fig.7

ELEMENT WORK NAME	COMPONENT OBJECT MANAGEMENT NUMBER OF COMPONENT ALREADY ASSEMBLED BY ELEMENT WORK				
	A 0 0 1	A 0 0 2			
P 1	A 0 0 1	A 0 0 2			
P 2	A 0 0 1	A 0 0 2	A 0 0 3		
P 3	A 0 0 1	A 0 0 2	A 0 0 3	A 0 0 4	
P 4	A 0 0 1	A 0 0 2	A 0 0 3	A 0 0 4	A 0 0 5
P 5	B 0 0 1	B 0 0 2			
P 6	B 0 0 1	B 0 0 2	B 0 0 3		
P 7	B 0 0 1	B 0 0 2	B 0 0 3	B 0 0 4	
P 8	B 0 0 1	B 0 0 2	B 0 0 3	B 0 0 4	B 0 0 5
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.

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Fig.8

STEP NAME	COMPONENT OBJECT MANAGEMENT NUMBER OF COMPONENT ALREADY ASSEMBLED IN THE STEP					
	A 0 0 1	A 0 0 2	A 0 0 3	A 0 0 4		
K 1	A 0 0 1	A 0 0 2	A 0 0 3	A 0 0 4		
K 2	A 0 0 1	A 0 0 2	A 0 0 3	A 0 0 4	A 0 0 5	
K 3	B 0 0 1	B 0 0 2	B 0 0 3			
K 4	B 0 0 1	B 0 0 2	B 0 0 3	B 0 0 4	B 0 0 5	B 0 0 6
K 5	C 0 0 1	C 0 0 2	C 0 0 3	C 0 0 4		
K 6	C 0 0 1	C 0 0 2	C 0 0 3	C 0 0 4	C 0 0 5	C 0 0 6
.	.	.	.	.	.	.
.	.	.	.	.	.	.
.	.	.	.	.	.	.



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Fig.9

COMPONENT OBJECT MANAGEMENT NUMBER	METADATA	COMPONENT OBJECT DATA(REPRESENTING DATA)	JOINT DATA	MASS DATA	GRAVITY CENTER POSITION DATA	COMPONENT NUMBER
A 0 0 1						a 0 0 1
A 0 0 2						a 0 0 2
A 0 0 3						a 0 0 3
A 0 0 4						a 0 0 4
A 0 0 5						a 0 0 5
A 0 0 6						a 0 0 6
.	.	.	.	.	.	.
.	.	.	.	.	.	.
.	.	.	.	.	.	.

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Fig.10

COMPONENT SUPPLY UNIT OBJECT MANAGEMENT NUMBER	METADATA	COMPONENT SUPPLY UNIT OBJECT DATA(REPRESENTING DATA)	JOINT DATA	MASS DATA	GRAVITY CENTER POSITION DATA
BKT001					
BKT002					
BKT003					
BKT004					
BKT005					
BKT006					
BKT007					
BKT008					
.	.	.	.	.	.
.	.	.	.	.	.
.	.	.	.	.	.

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Fig.11

COMPONENT SUPPLY UNIT OBJECT MANAGEMENT NUMBER	METADATA	COMPONENT NUMBER OF COMPONENT SUPPLY UNIT IN REAL SPACE	COMPONENT OBJECT MANAGEMENT NUMBER WHICH CAN BE HELD
BKT001	PLT1	bkt001	A001
			A002
			A003
			A004
			A005
BKT002	PLT2	bkt002	A001
			A002
			A003

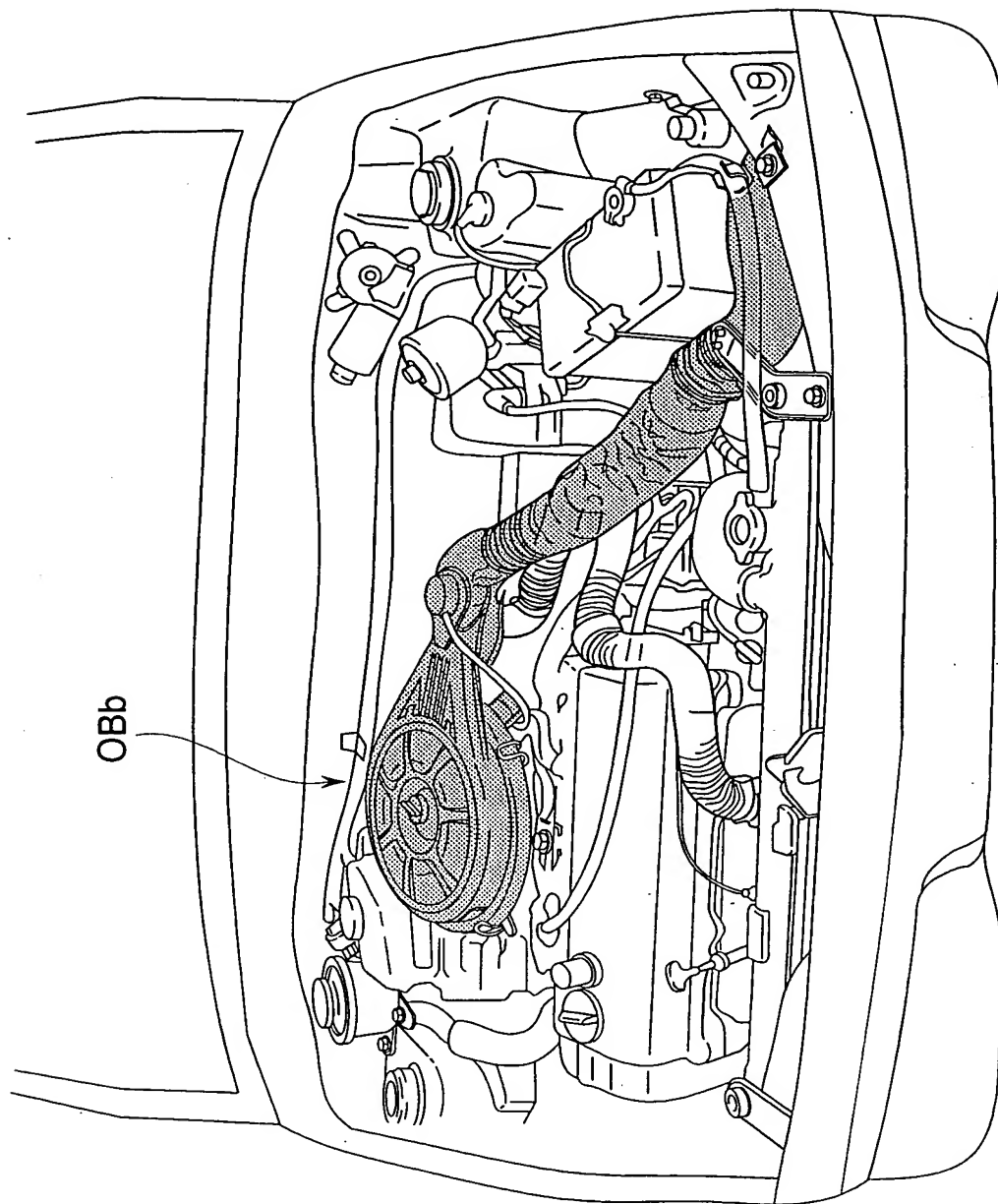
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Fig.12

COMPONENT OBJECT MANAGEMENT NUMBER	METADATA	COMPONENT NUMBER OF COMPONENT IN REAL SPACE	COMPONENT OBJECT MANAGEMENT NUMBER OF ASSEMBLY ENABLED COMPONENT
A 0 0 1	B R K	a 0 0 1	B 0 0 1
			B 0 0 2
			B 0 0 3
A 0 0 2	B R K L M P	a 0 0 2	B 0 0 4
			B 0 0 5
			B 0 0 6
.	.	.	.

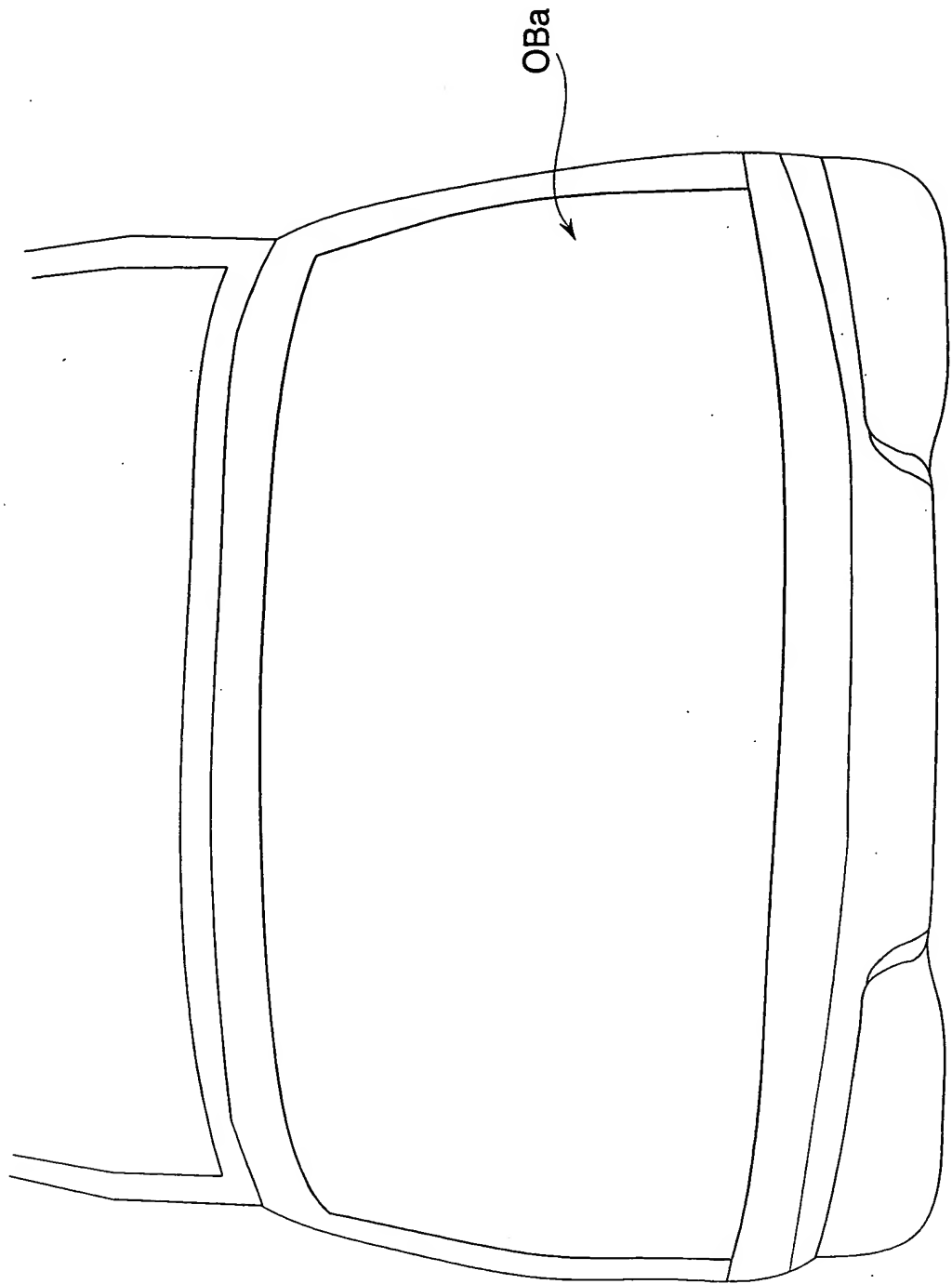
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Fig.13



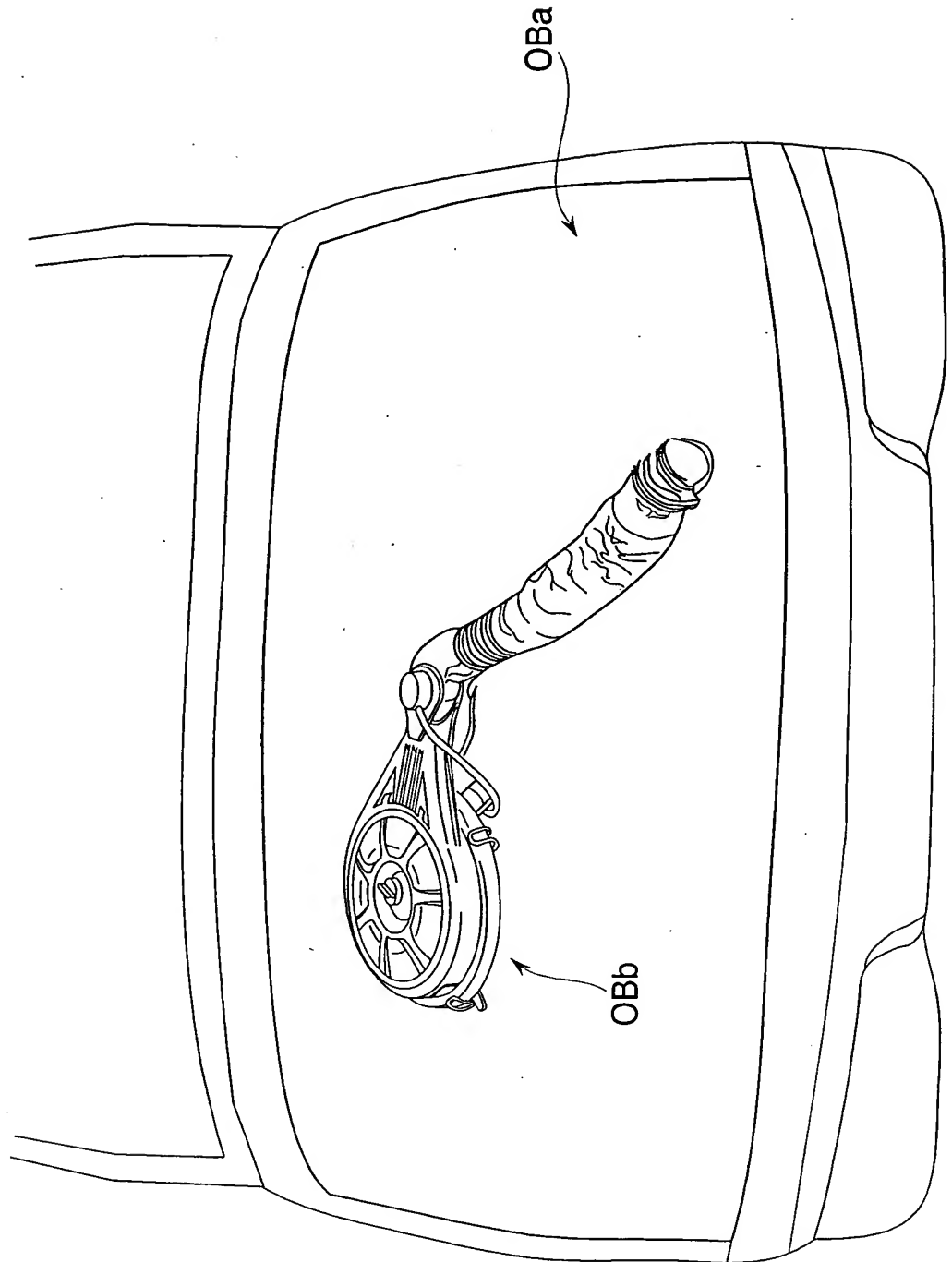
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Fig.14



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Fig.15



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Fig.17

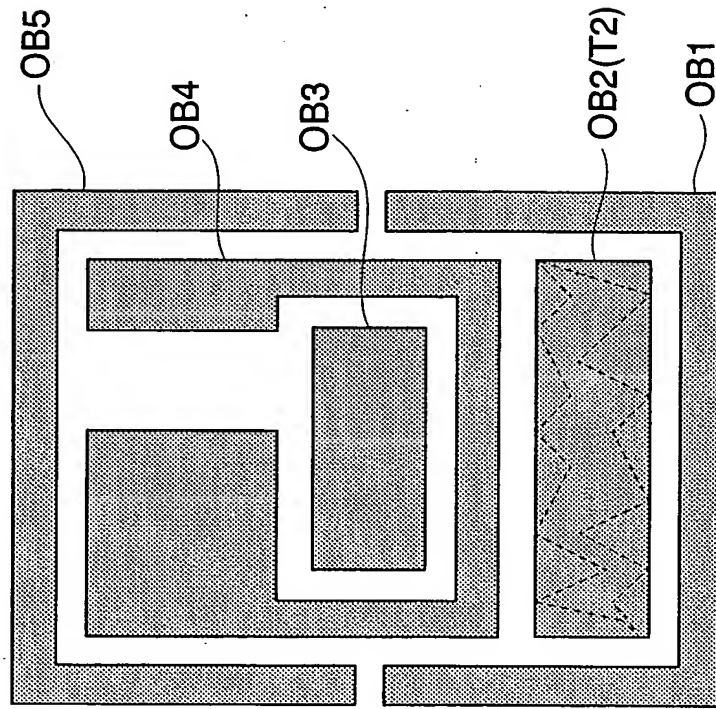
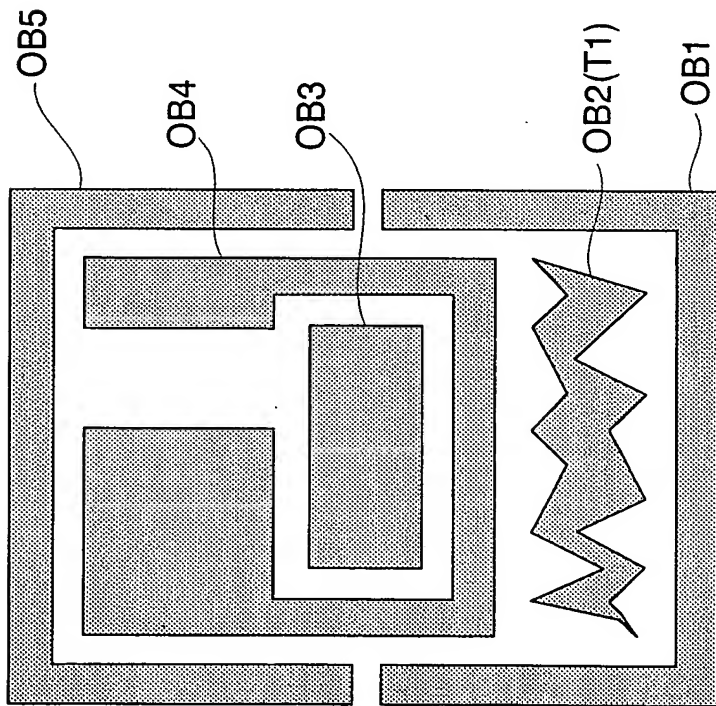


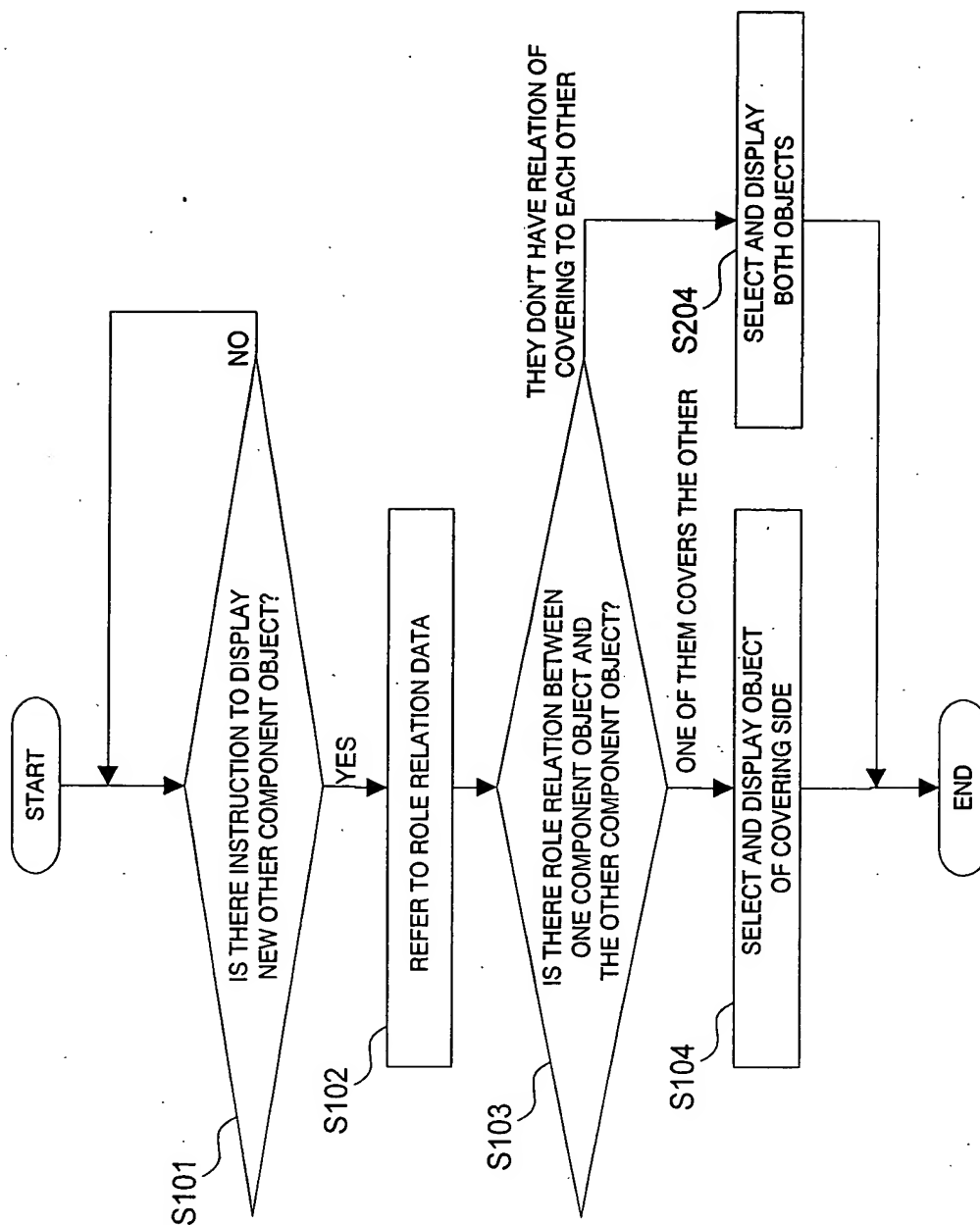
Fig.16





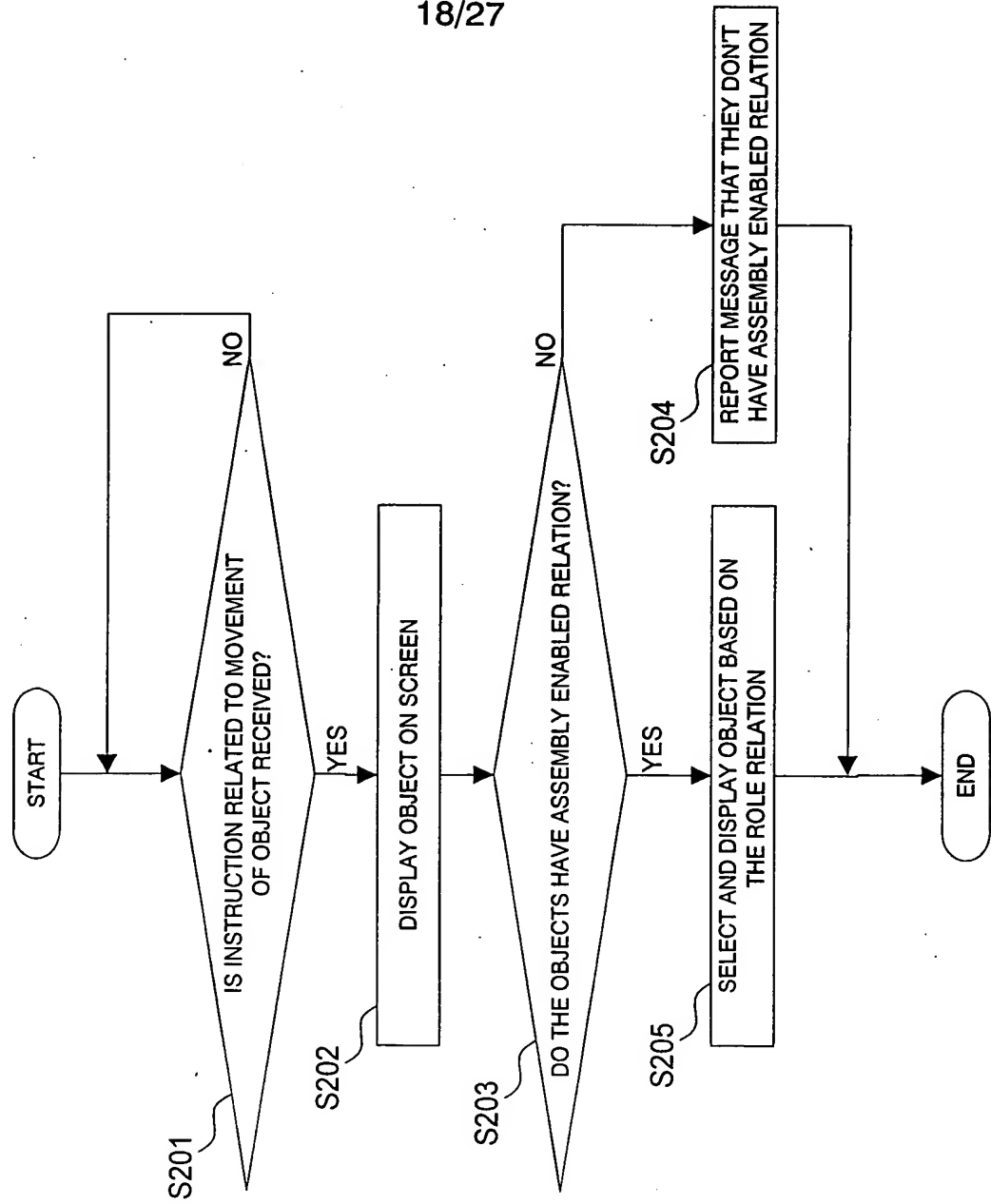
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Fig.18



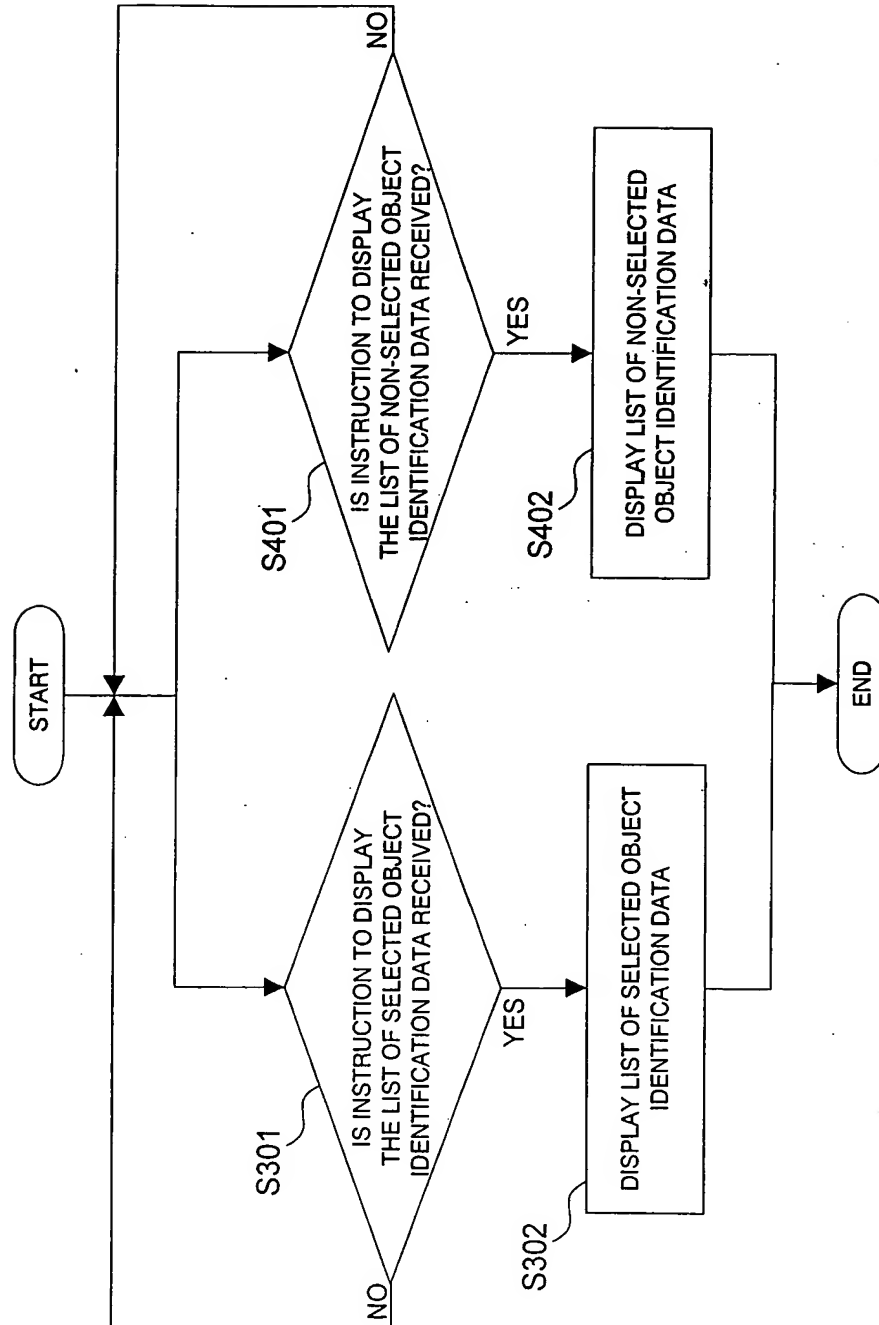
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Fig.19



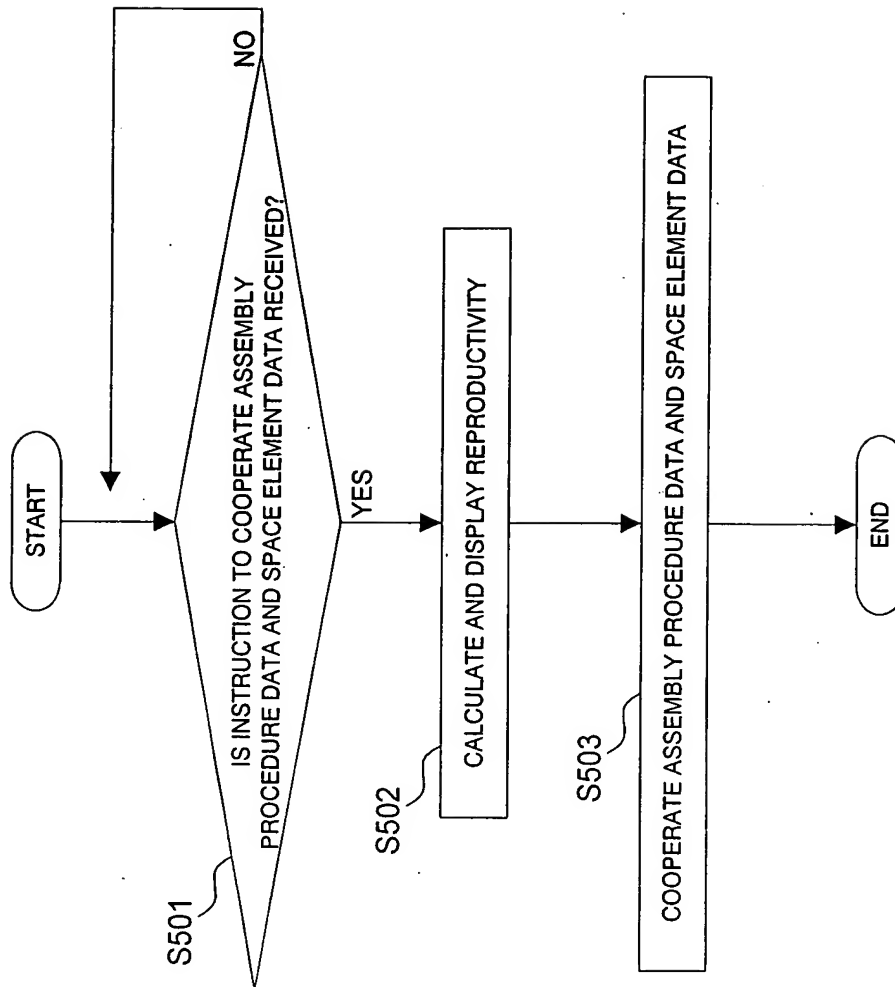
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Fig.20



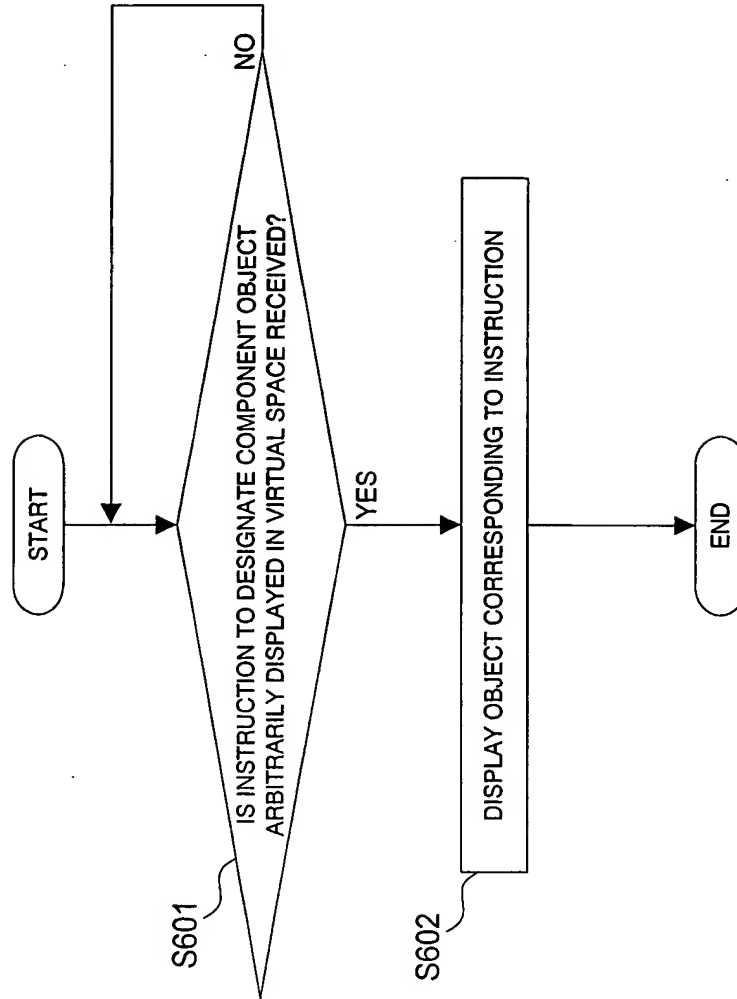
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Fig.21



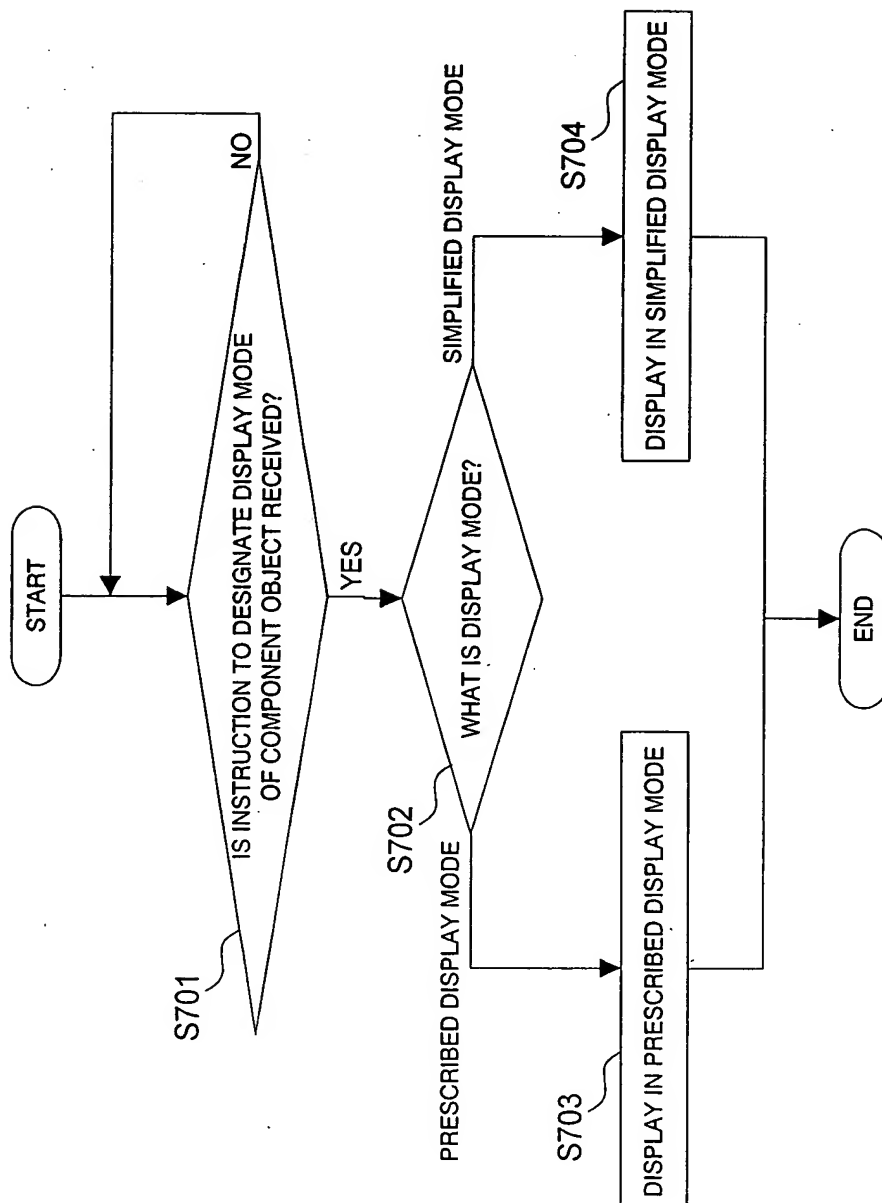
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Fig.22



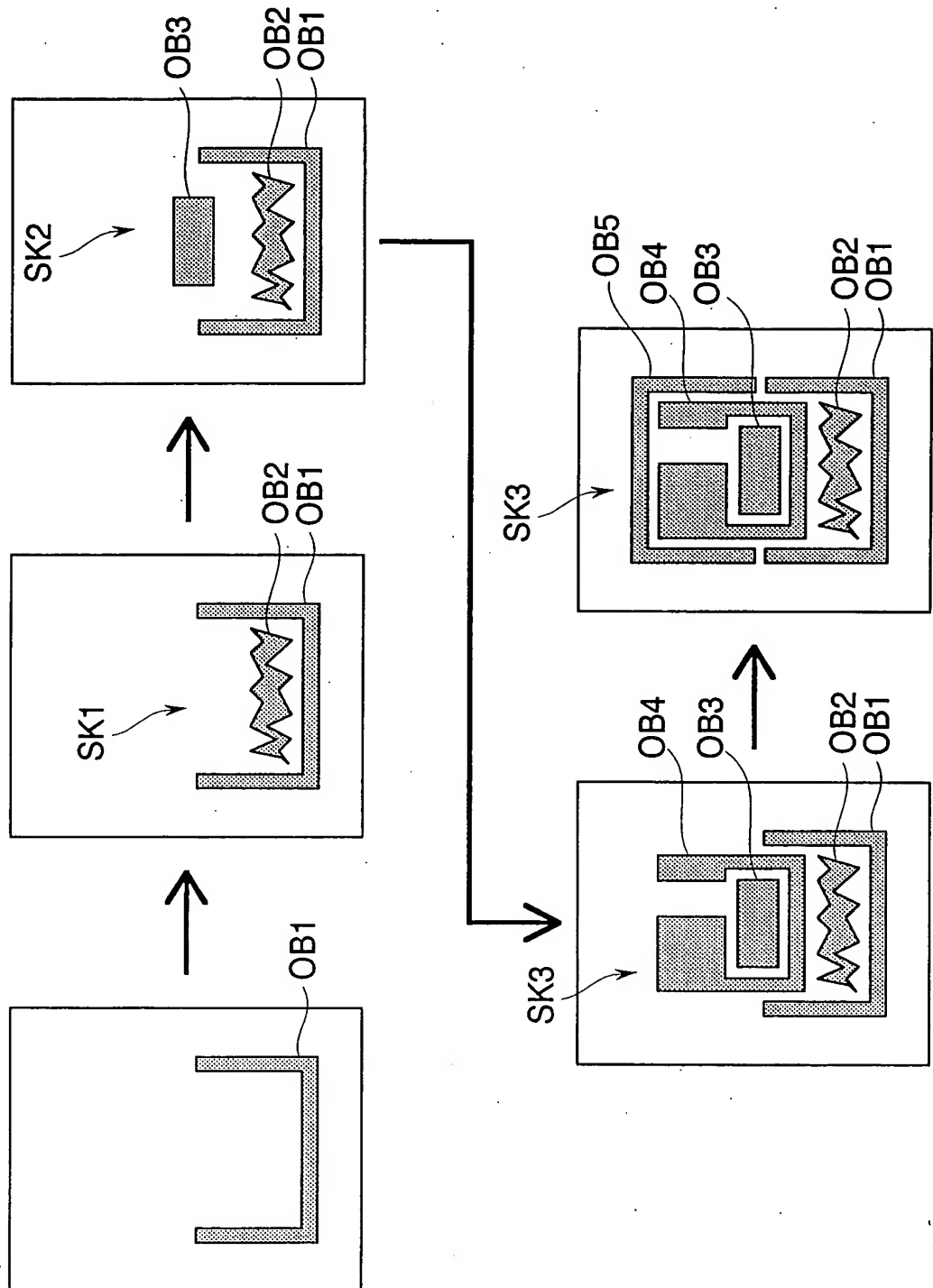
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Fig.23



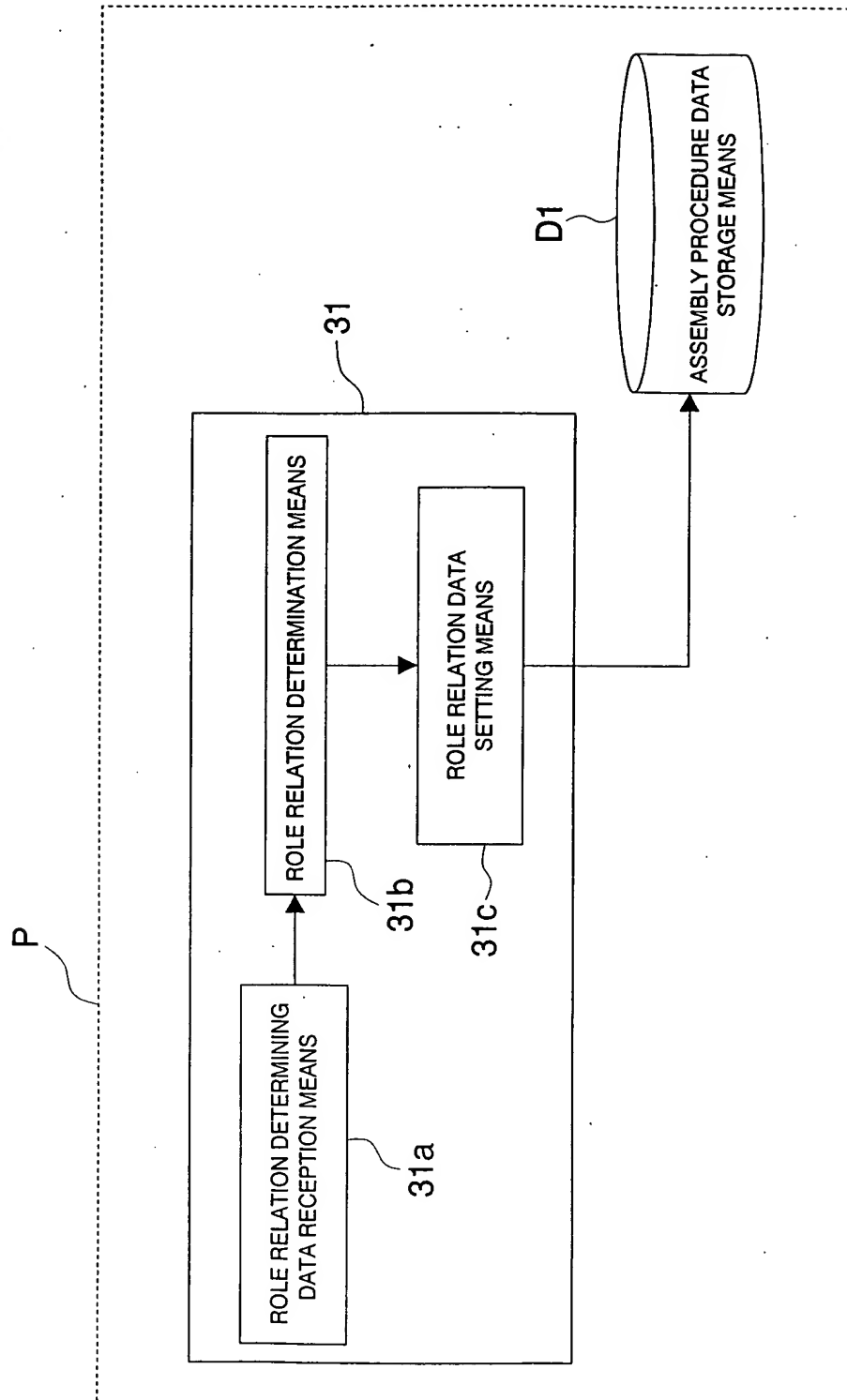
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Fig.24



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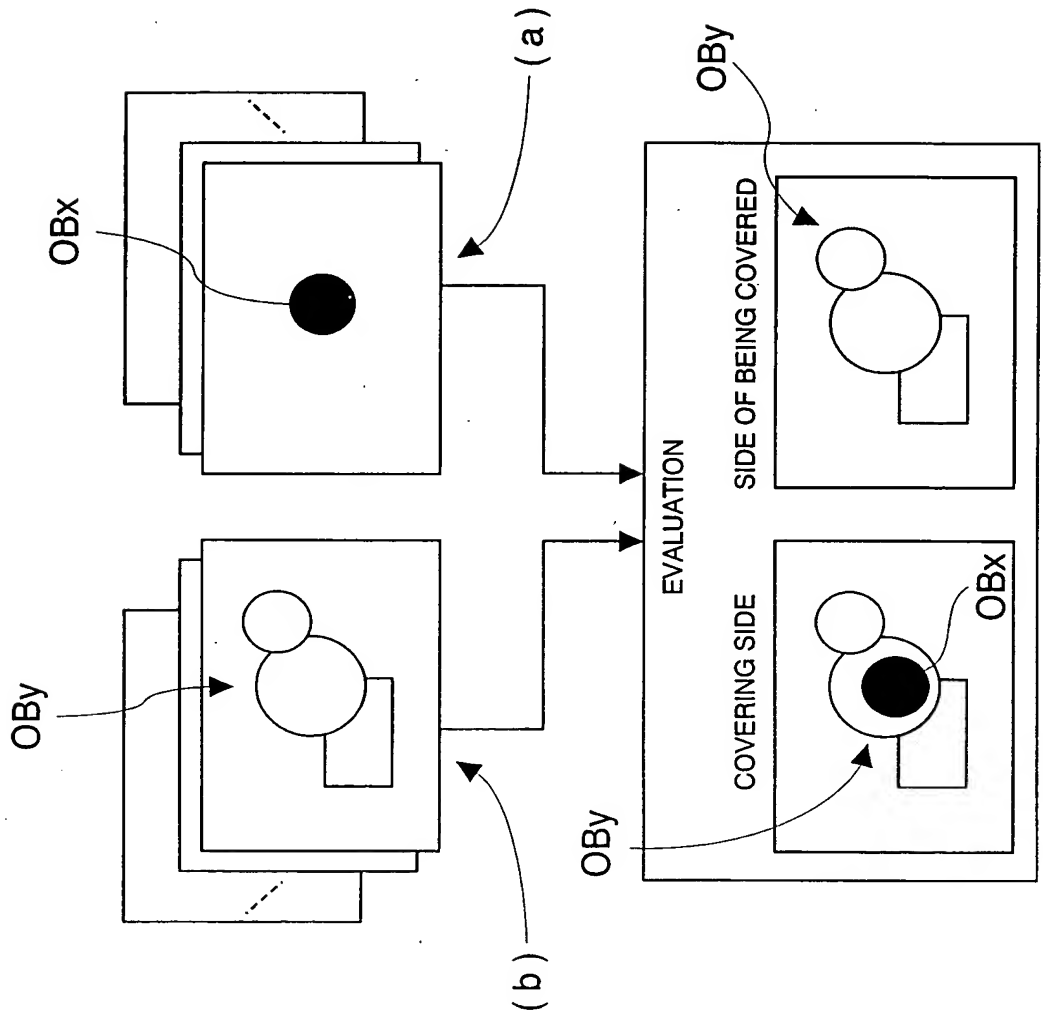
Fig.25





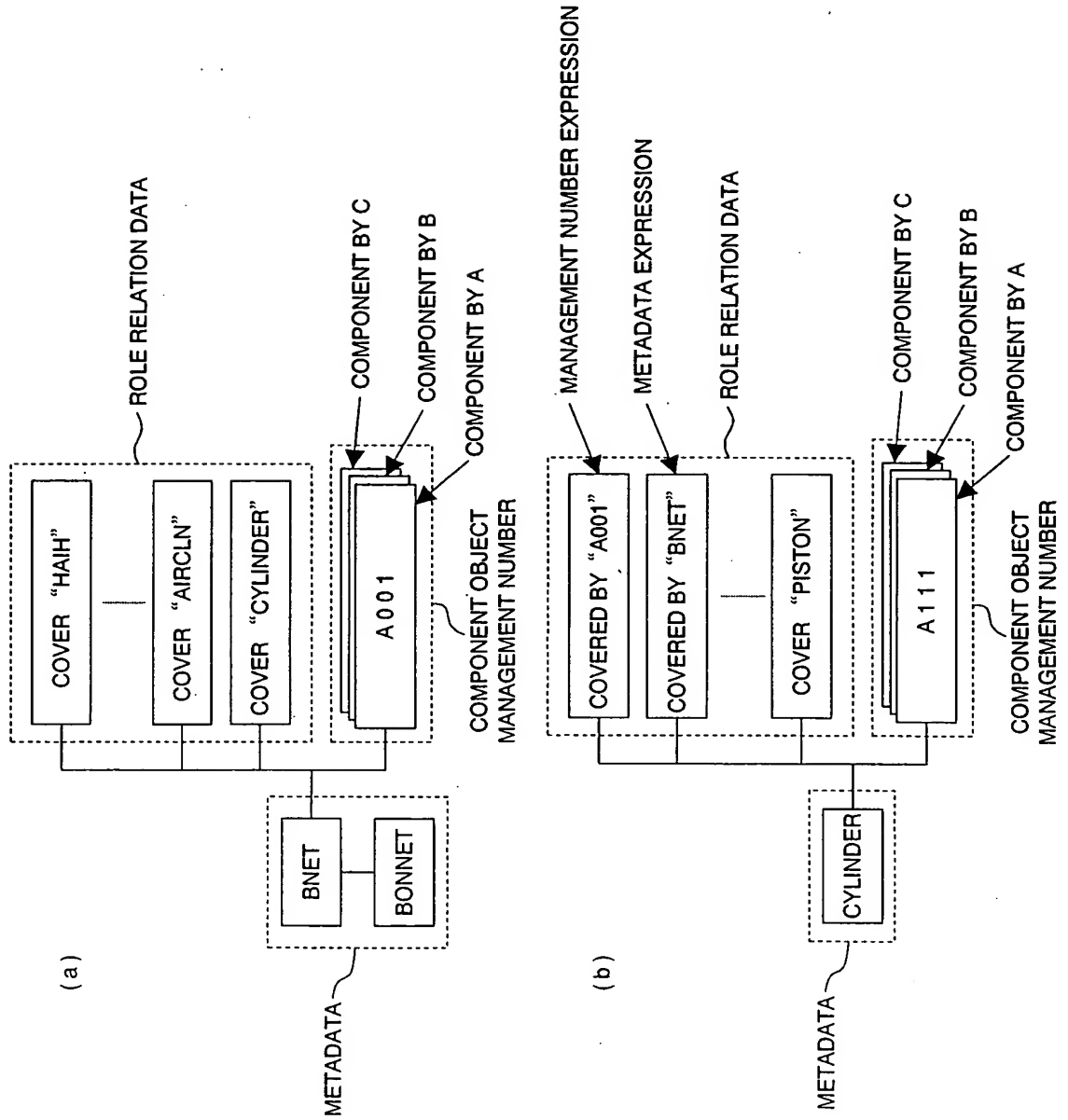
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Fig.26



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Fig.27



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Fig.28

